EDIMAX
NETWORKING PEOPLE TOGETHER

Wired / Wireless 11b/g Broadband Router

Quick Installation Guide

Version 5.0 / July 2008

Multi-Languages QIG on the CD

Český: Českého průvodce rychlou instalací naleznete na přiloženém CD s ovladači

Deutsch: Auf der beiliegend Treiber CD finden Sie deutsche Anleitung zur Schnellinstallation.

Español: Incluido en el CD el G.R.I. en Español.

Français: Veuillez trouver l'français G.I.R ci-joint dans le CD

Italiano: Incluso nel CD il Q.I.G. in Italiano.

Magyar: A magyar telepítési útmutató megtalálható a mellékelt CD-n

Nederlands: De nederlandse Q.I.G. treft u aan op de bijgesloten CD

Polski: Skrócona instrukcja instalacji w języku polskim znajduje się na załączonej płycie CD

Português: Incluído no CD o G.I.R. em Portugues

Русский: Найдите Q.I.G. на русском языке на приложеном CD

Türkçe: Ürün ile beraber gelen CD içinde Türkçe Hızlı Kurulum Kılavuzu'nu bulabilirsiniz

Romania: Cd-ul cuprinde Ghid de instalare rapida in limba romana

繁體及簡體中文：CD 片內含繁體中文及簡體中文快速安裝指南

1 Product Introduction 4
1-1 Package Contents 5
1-2 Front Panel 5
1-3 Back Panel 6
2 Network Setup 7
Step 1:Getting Started 7
Step2 : PC LAN IP Configuration 7
2.1 Router Configuration – PPPoE 11
2.2 Router Configuration - Cable Modem 14
3 Advanced Setup 16
3-1 Change management password 16
3-2 Firmware Upgrade 17
3-3 System Restart and Reset to Default 18
3-4 Wireless Setup (For Wireless Router Only) 19
3.5 Print Server(BR-6315SRg only) 20
3.6 Web / FTP Server(BR-6315SRg only) 21
3.7 iTunes Server(BR-6315SRg only) 22

English

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The product you have purchased and the setup screen may appear slightly different from those shown in this QIG. For more detailed information about this product, please refer to the User Manual on the CD-ROM. The software and specifications are subject to change without notice. Please visit our web site www.edimax.com for the update. All rights reserved including all brand and product names mentioned in this manual are trademarks and/or registered trademarks of their respective holders .

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1 Product Introduction

Thank you for purchasing Edimax broadband router! This high cost-efficiency router is the best choice for ***Small office / Home office*** users, all computers and network devices can share a single xDSL / cable modem internet connection at high speed. Easy install procedures allows any computer users to setup a network environment in very short time - within minutes, even inexperienced. When the number of your computers and network-enabled devices grow, you can also expand the number of network slot by simple attach a hub or switch, to extend the scope of your network!

You can configure the router by running the Setup Wizard in the CD-ROM provided in the package. The wizard provides quick setup for the Internet connection, SSID, wireless security, firmware upgrade and changing router's password. When you start the Setup Wizard, you will get the following Welcome screen. Please choose the language to start with and follow the easy steps in the Wizard. No instruction for the Setup Wizard is given here.

If you lost the CD-ROM or you prefer the traditional web setup, please follow the procedures in this Quick Installation Guide to configure the router

1-1 Package Contents

Before you starting to use this router, please check if there's anything missing in the package, and contact your dealer of purchase to claim for missing items：

- □ Broadband router (main body, 1 pcs)
- □ Quick installation guide (1 pcs)
- □ One CD-ROM (Including the Setup Wizard, Multi-languages Quick Installation Guide and User Manual)
- □ 12V power adapter (1 pcs)
- □ Ethernet Cable (1 pcs for Wireless Router only)
- □ 3dBi Antenna (1 ~3 pcs for Wireless Router only)
- □ Accessary

1-2 Front Panel

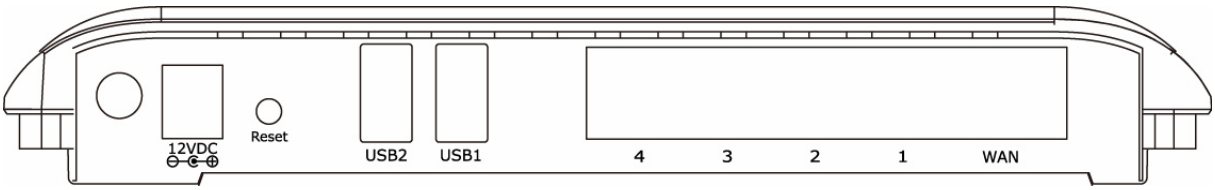
BR-6315SRg

WLAN for wireless router only，USB ports for BR-6315SRg only

LED	Light Status	Description
PWR	ON	Router is ready
WAN 10/100M	ON	WAN port is connected at 100Mbps
	Off	WAN port is connected at 10Mbps
WAN LNK/ACT	ON	WAN is connected
	Off	WAN is unconnected
	Flashing	WAN port is sending / receiving data
LAN (1-4) 10/100M	ON	LAN port is connected at 100Mbps
	Off	LAN port is connected at 10Mbps
LAN LNK/ACT (Port 1-4)	ON	LAN port is connected
	Off	LAN port is unconnected
	Flashing	LAN port is sending / receiving data
USB	ON	USB storage device is connected *(BR-6315SRg)*
	Off	USB storage device is not connected*(BR-6315SRg)*

	Flashing	USB printer is printing*(BR-6315SRg)*
WLAN	ON	Wireless LAN has been activated
	Off	Wireless LAN is disabled
	Flashing	Wireless LAN is sending / receiving data

1-3 Back Panel



(BR-6315SRg)

Item Name	Description
Power	Power connector, connects to power adapter
Reset	The Reset button can be used to reset the router or restore to factory defaults. 1) If problems occur with your router, power it on and press the router's reset button with a pencil tip (for less than 5 seconds) and the router will reboot and , keeping all your current settings. 2) If problems persisted or you forgot your router's password, press the reset button for 20 seconds with power on. The router will reset to the factory default settings. (**Warning**: all your current settings will be lost and replaced by the factory default settings)
1 - 4	The router's 4 LAN ports are where you connect your LAN's PCs, printer servers, hubs and switches etc.
WAN	Wide Area Network (WAN / Internet) port

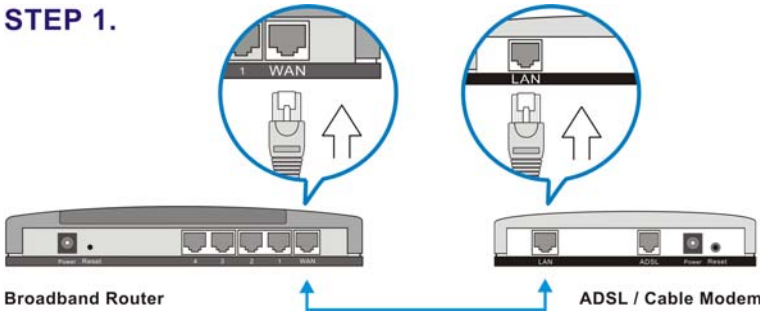
2 Network Setup

Step 1:Getting Started

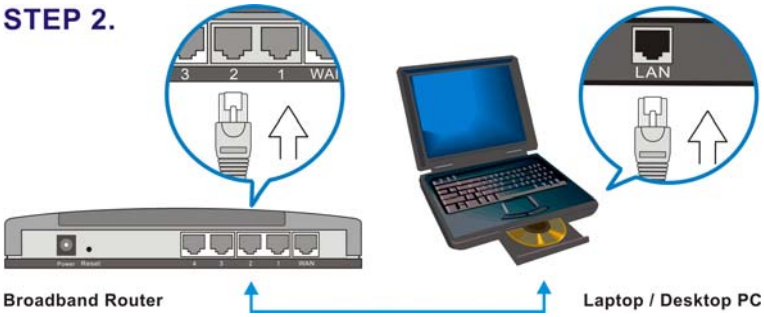
Instructions for using the router to share the Internet with multiple PCs. (Power on the Modem and the Router.)

Cabling installation:

1. Connect the Ethernet cable from the router's WAN port to the LAN port of the modem.



2. Connect another Ethernet cable from the any LAN ports (1~4) on router to the Ethernet socket on the PC.



3. Check to make sure the router's LINK LED is lit; to confirm the cable connections are made correctly.

Step2 : PC LAN IP Configuration

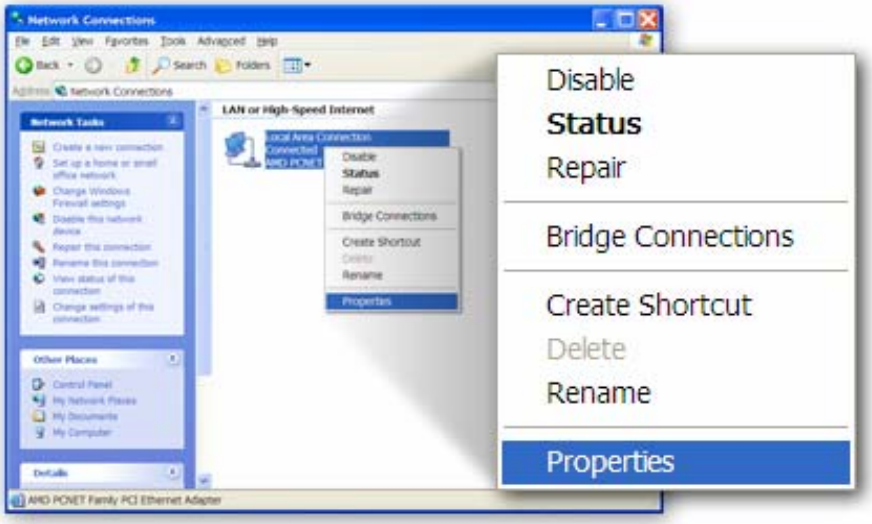
1. Configure the PC LAN setting to automatically obtain an IP address from the router by following the below steps.

- Click **“Start”** in the task bar then select the **“Control Panel”** .

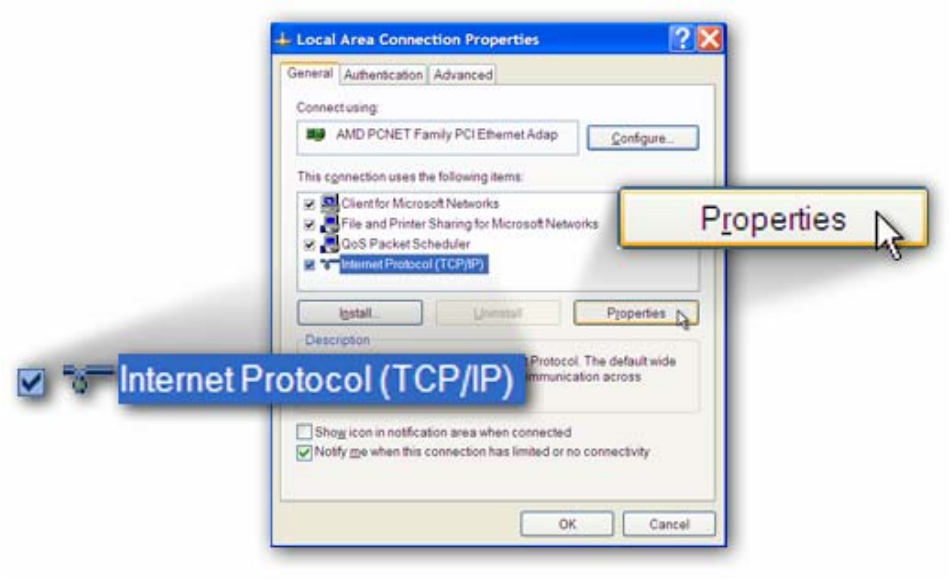
- Click **“Switch to Classic View”** on the left top to see more setting icons.

- Find an icon **“Network Connection”** then Double-Click to open the network connection setting.

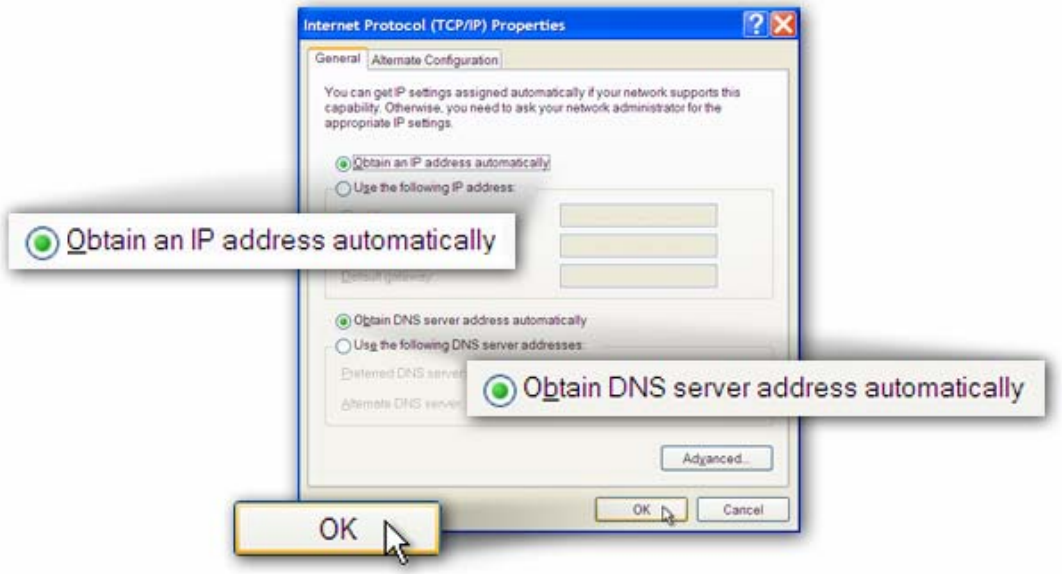
- You will see an icon **“Local Area Connection”**, select the icon then Right-Click the mouse to open the sub-menu and select the **“Properties”** .



- Select the **“Internet Protocol (TCP/IP)”** then click the **“Properties”**



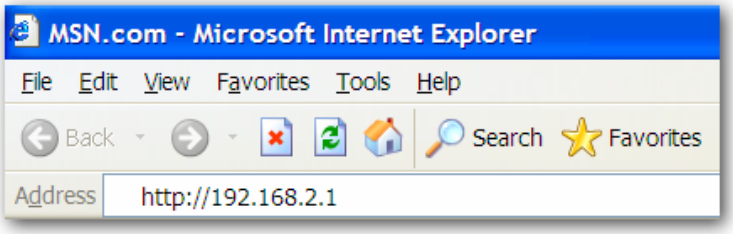
- Ensure the parameter marked in blue are checked in **“Obtain an IP address automatically”** and **“Obtain DNS server address automatically”** then press **“OK”** to close.


Internet Protocol (TCP/IP) Properties
General
Alternate Configuration
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
Obtain DNS server address automatically
Use the following DNS server addresses:
Advanced...
OK
Cancel
Obtain an IP address automatically
Obtain DNS server address automatically
OK

2.1 Router Configuration – PPPoE

Note: Please do not run the PPPoE software; otherwise the Internet connection for the router may fail.

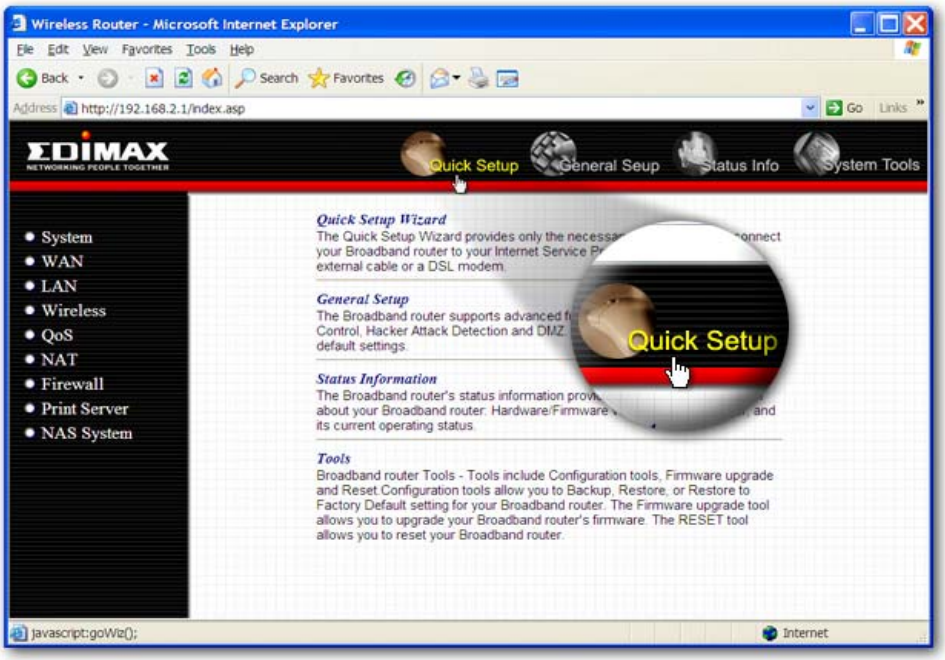
1. Enter the router's default IP address: **"192.168.2.1"** into your PC's web browser and press **"enter"**.



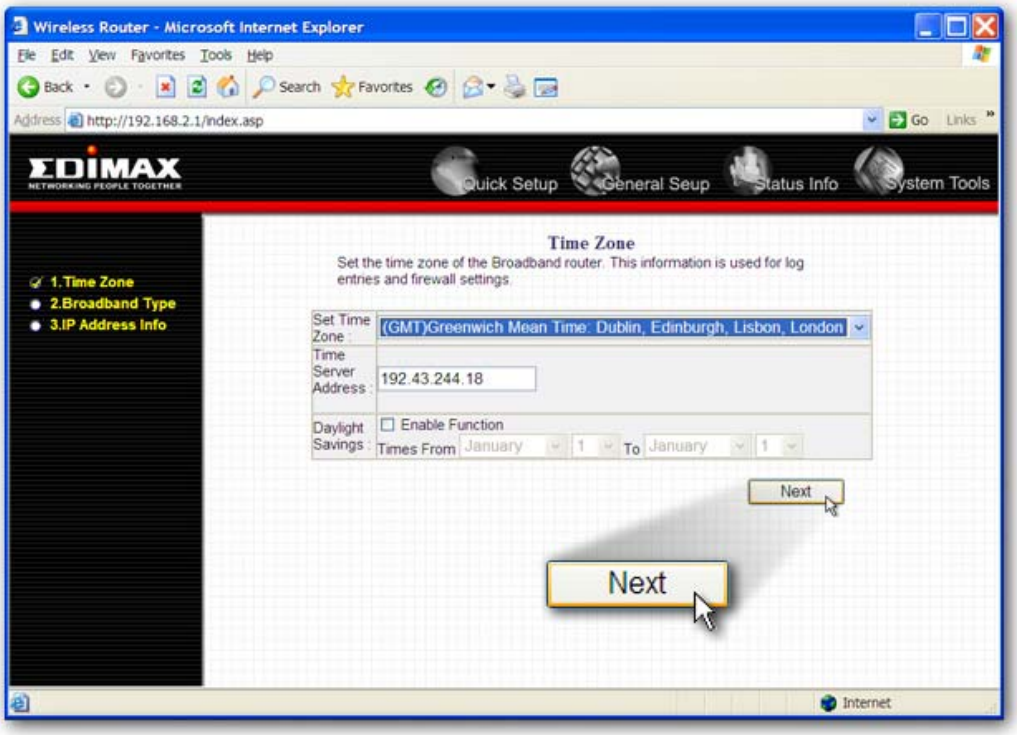
2. The login screen below will appear. Enter the "User Name" and "Password" and click **"OK"** to login.

The default User name is "**admin**" and the Password is "**1234**",

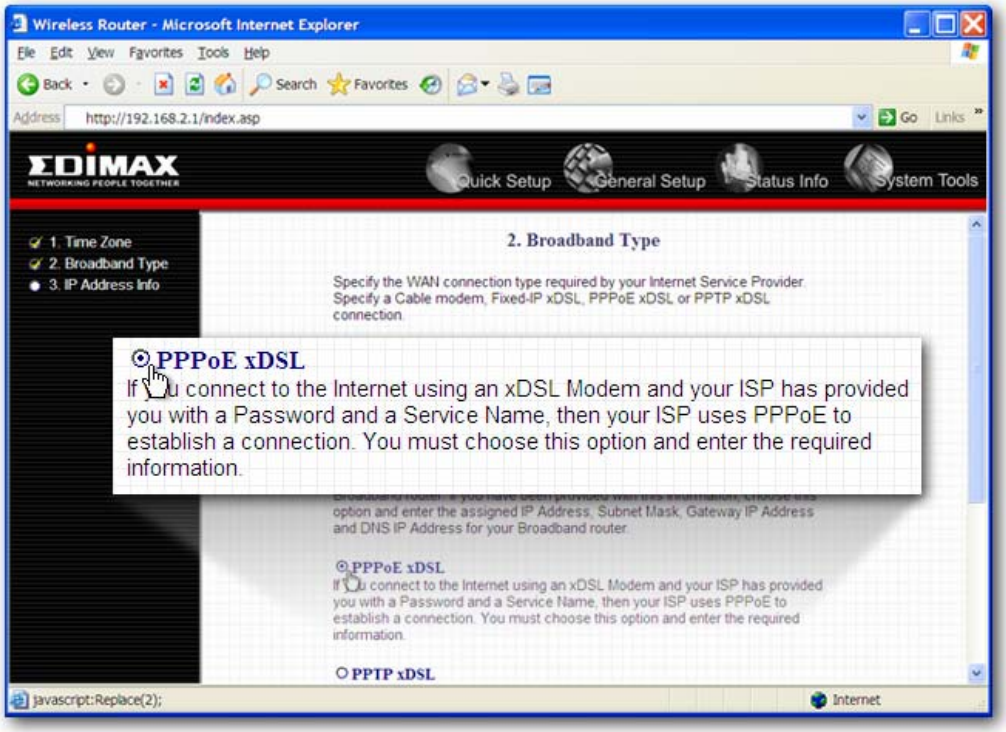
3. The main page will appear, click **"Quick Setup"** to setup the Internet connection. Following example is for **"PPPoE"** WAN setting.



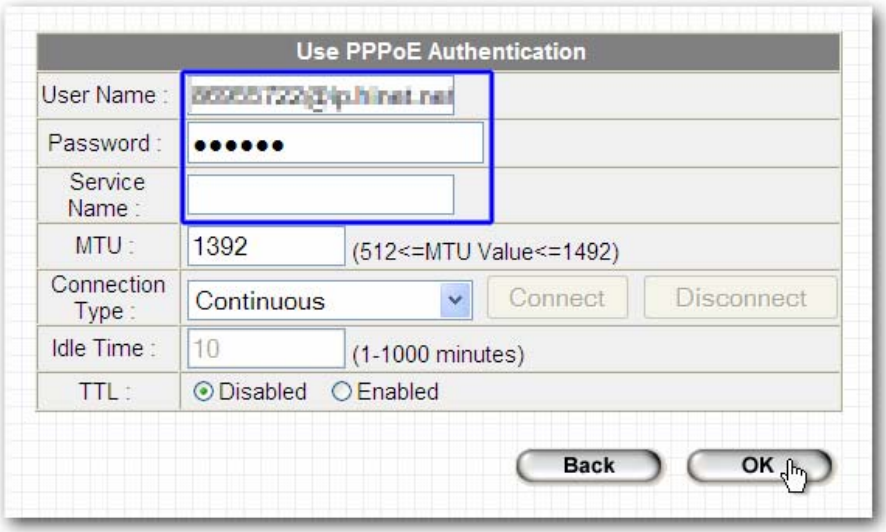
4. Select '(GMT) Greenwich Mean Time: (your country or city) then Click **"Next"** button.



5. Select **“PPPoE xDSL”**, the system will move into next step


Wireless Router - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites
Address http://192.168.2.1/index.asp
Go Links
EDIMAX
NETWORKING PEOPLE TOGETHER
Quick Setup
General Setup
Status Info
System Tools
1. Time Zone
2. Broadband Type
3. IP Address Info
2. Broadband Type
Specify the WAN connection type required by your Internet Service Provider. Specify a Cable modem, Fixed-IP xDSL, PPPoE xDSL or PPTP xDSL connection.
PPPoE xDSL
If you connect to the Internet using an xDSL Modem and your ISP has provided you with a Password and a Service Name, then your ISP uses PPPoE to establish a connection. You must choose this option and enter the required information.
option and enter the assigned IP Address, Subnet Mask, Gateway IP Address and DNS IP Address for your Broadband router.
PPPoE xDSL
If you connect to the Internet using an xDSL Modem and your ISP has provided you with a Password and a Service Name, then your ISP uses PPPoE to establish a connection. You must choose this option and enter the required information.
PPTP xDSL
javascript:Replace(2);
Internet

6. Enter the **“User Name”** and **“Password”** that ISP provided and leave the others. (The **“Service Name”** can be blank) and click **“OK”** to save the setting then reboot the router

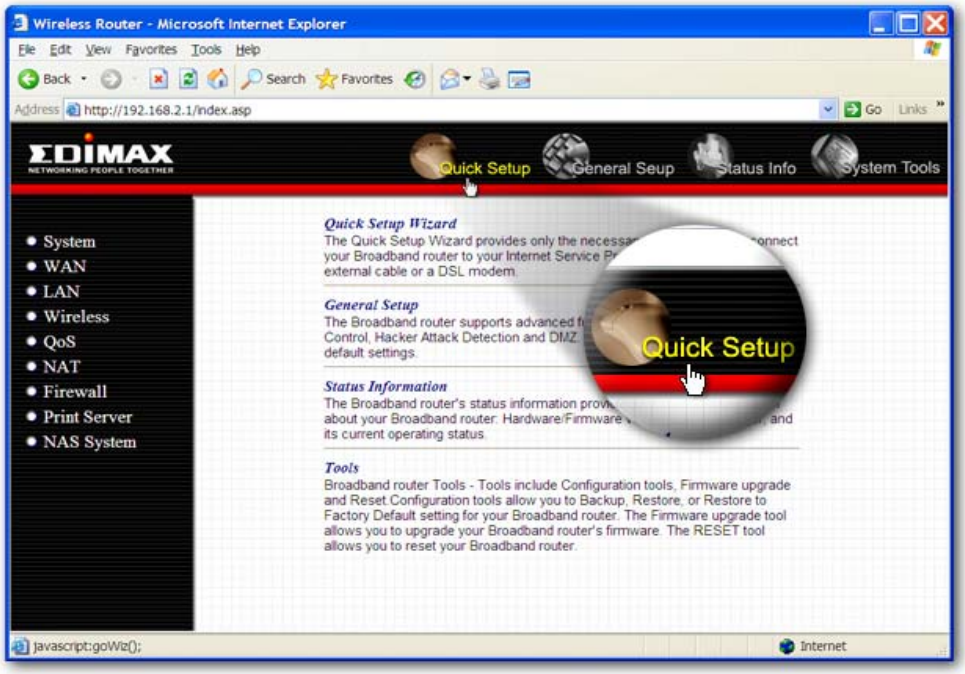


7. After reboot, your router is now ready for Internet connection.

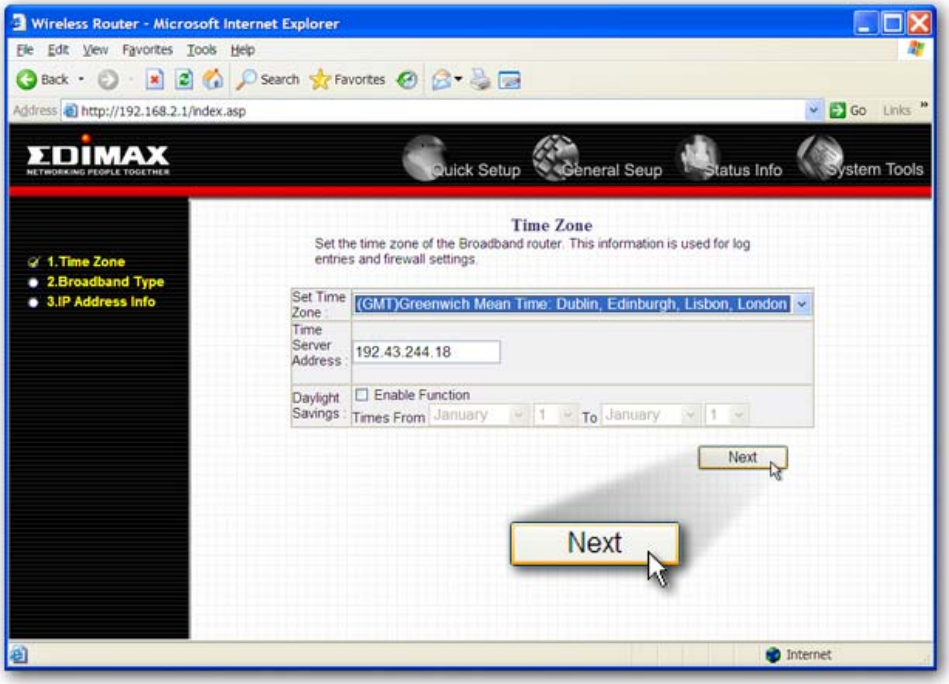
Note: Check the manual on the CD for more Internet connection type and other setting details

2.2 Router Configuration - Cable Modem

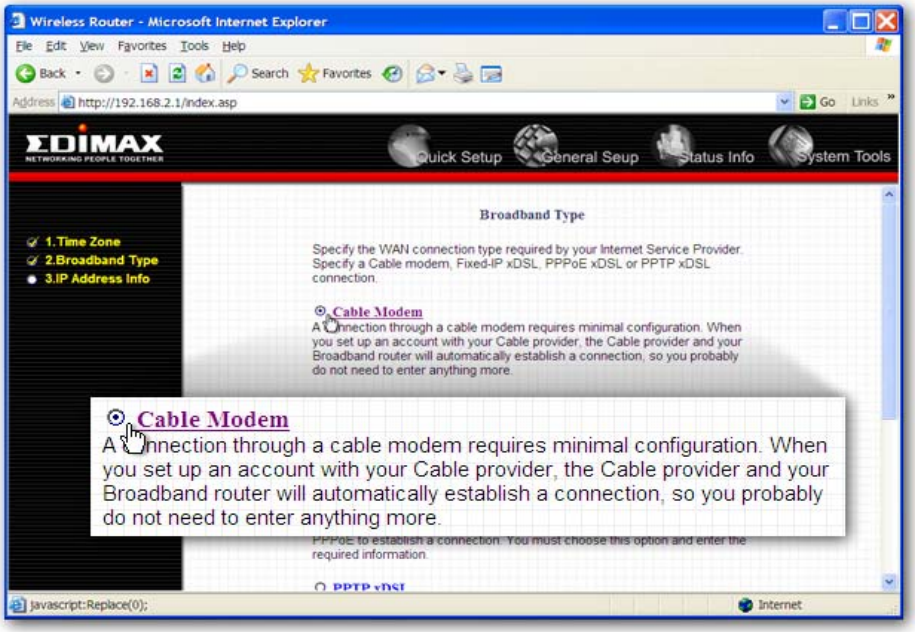
1. The following example is for U.K. Click on **"Quick Setup"**.



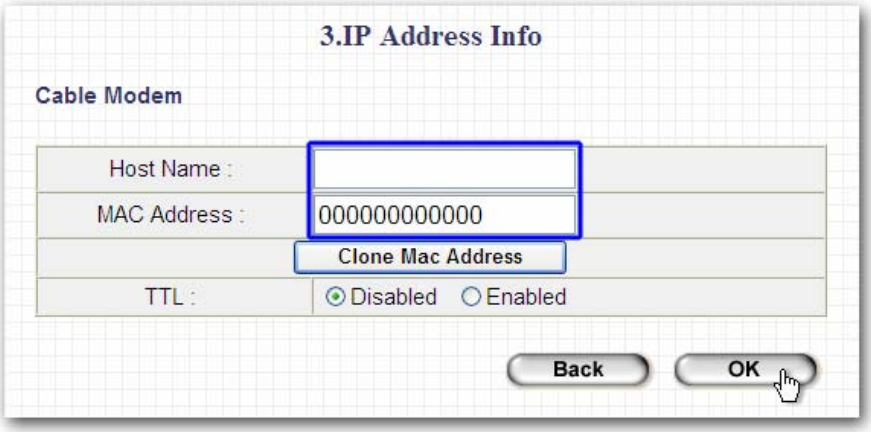
2. Select '(GMT) Greenwich Mean Time : "London". Click **"Next"** button.



3. Select **"Cable Modem"**, the system will move into next step


Wireless Router - Microsoft Internet Explorer
http://192.168.2.1/index.asp
Quick Setup
General Seup
Status Info
System Tools
1.Time Zone
2.Broadband Type
3.IP Address Info
Broadband Type
Specify the WAN connection type required by your Internet Service Provider. Specify a Cable modem, Fixed-IP xDSL, PPPoE xDSL or PPTP xDSL connection.
Cable Modem
A connection through a cable modem requires minimal configuration. When you set up an account with your Cable provider, the Cable provider and your Broadband router will automatically establish a connection, so you probably do not need to enter anything more.
Cable Modem
A connection through a cable modem requires minimal configuration. When you set up an account with your Cable provider, the Cable provider and your Broadband router will automatically establish a connection, so you probably do not need to enter anything more.
required information.
javascript:Replace(0);
Internet

4. Enter **"Host Name"** and **"MAC Address"**. (The **"Host Name"** can be blank)
   The MAC Address is provided by ISP (e.g. NTL) or click **"Clone Mac Address"** button if you're using the computer's MAC Address.
   Confirm with your ISP about MAC Address used, Click **"OK"** button to save the settings then reboot the router.



5. After reboot, your router is now ready for Internet connection.

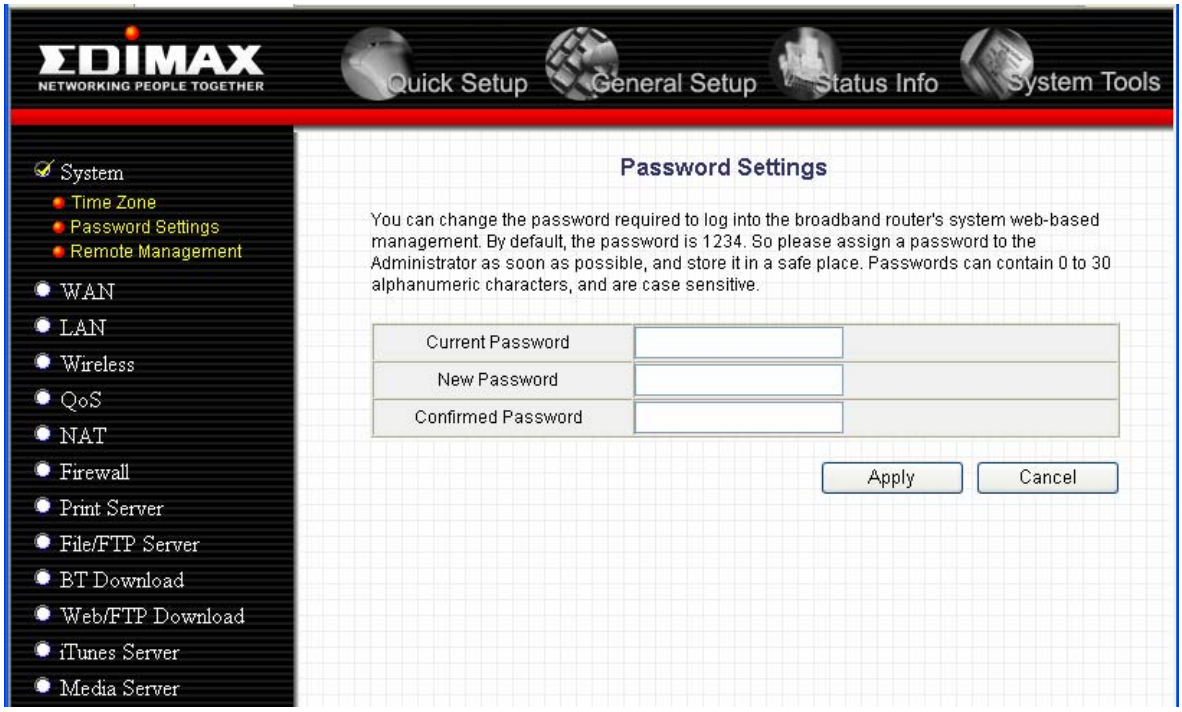
3 Advanced Setup

3-1 Change management password

Default password of this router is 1234, and it's displayed on the login prompt when accessed from web browser. There's a security risk if you don't change the default password, since everyone can see it.

To change password, please follow the following instructions:

Please click 'System' menu on the left of web management interface, then click 'Password Settings', and the following message will be displayed on your web browser:



Here are descriptions of every setup items:

Current password	Please input current password here.
New Password :	Please input new password here.
Confirmed your Password :	Please input new password here again.

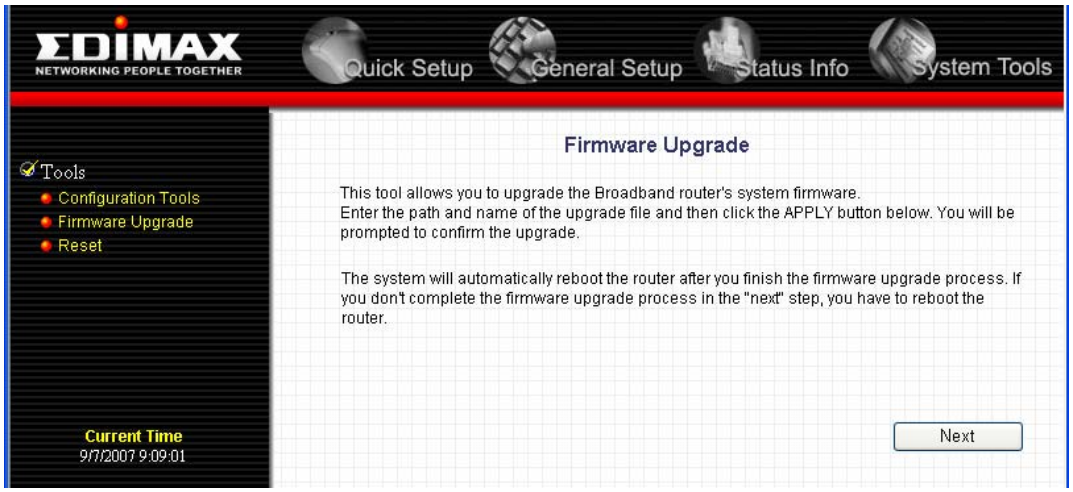
When you finish, click 'Apply'; If you want to keep original password unchanged, click 'Cancel'.

3-2 Firmware Upgrade

The system software used by this router is called as ‘firmware’, just like any applications on your computer, when you replace the old application with a new one, your computer will be equipped with new function. You can also use this firmware upgrade function to add new functions to your router, even fix the bugs of this router.

To upgrade firmware, please follow the following instructions:

Please click ‘Tool’ located at the upper-right corner of web management interface, then click ‘Firmware Upgrade’ on the left of web management interface, then the following message will be displayed on your web browser:


EDIMAX
NETWORKING PEOPLE TOGETHER
Quick Setup
General Setup
Status Info
System Tools
Tools
Configuration Tools
Firmware Upgrade
Reset
Current Time
9/7/2007 9:09:01
Firmware Upgrade
This tool allows you to upgrade the Broadband router's system firmware.
Enter the path and name of the upgrade file and then click the APPLY button below. You will be prompted to confirm the upgrade.
The system will automatically reboot the router after you finish the firmware upgrade process. If you don't complete the firmware upgrade process in the "next" step, you have to reboot the router.
Next

Please click ‘Next’, and the following message will be displayed:

Click ‘Browse’ button first, you’ll be prompted to provide the filename of firmware upgrade file. Please download the latest firmware file from our website, and use it to upgrade your router.

After a firmware upgrade file is selected, click ‘Apply’ button, and the router will start firmware upgrade procedure automatically. The procedure may take several minutes, please be patient.

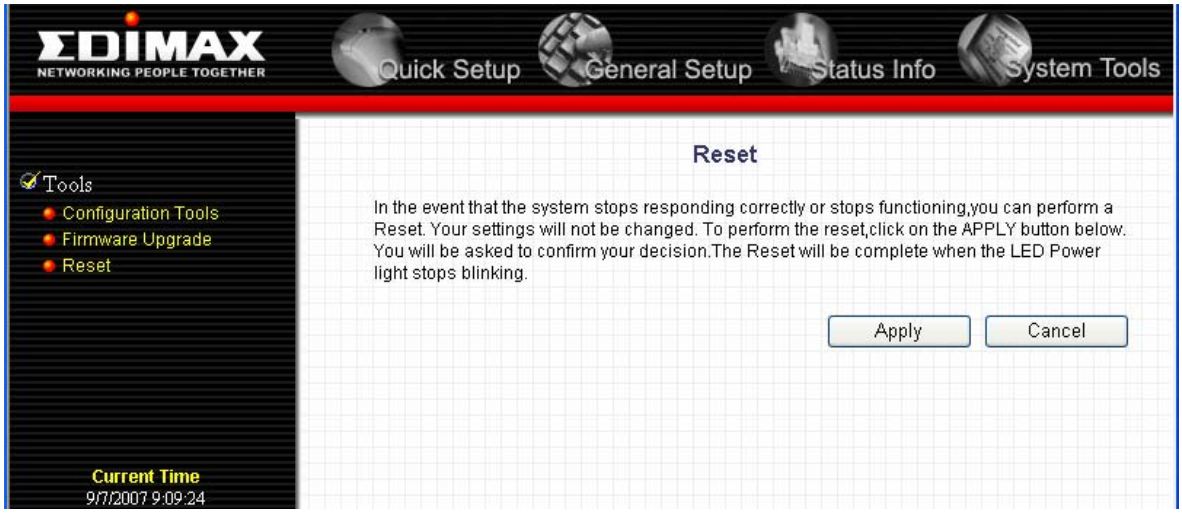
NOTE: Never interrupt the upgrade procedure by closing the web browser or physically disconnect your computer from router. If the firmware you uploaded is corrupt, the firmware upgrade will fail, and you may have to return this router to the dealer of purchase to ask for help. (Warranty voids if you interrupted the upgrade procedure).

3-3 Restart and Reset to Default Setting

If you found the router behaves strangely, you can perform a reset, sometimes it will solve the problem.

You can either reset your router without losing your current settings or restore to factory defaults. If you wish to reset the router to the factory default settings, select “Factory Default Settings” then click “Restart”.

Alternatively, you can use the Reset button at the Real Panel of the router.


EDIMAX
NETWORKING PEOPLE TOGETHER
Quick Setup
General Setup
Status Info
System Tools
Tools
Configuration Tools
Firmware Upgrade
Reset
Current Time
9/7/2007 9:09:24
Reset
In the event that the system stops responding correctly or stops functioning,you can perform a Reset. Your settings will not be changed. To perform the reset,click on the APPLY button below. You will be asked to confirm your decision.The Reset will be complete when the LED Power light stops blinking.
Apply
Cancel

Please click ‘Apply’ to reset your router, and it will be available again after few minutes, please be patient.

3-4 Wireless Setup (For Wireless Router Only)

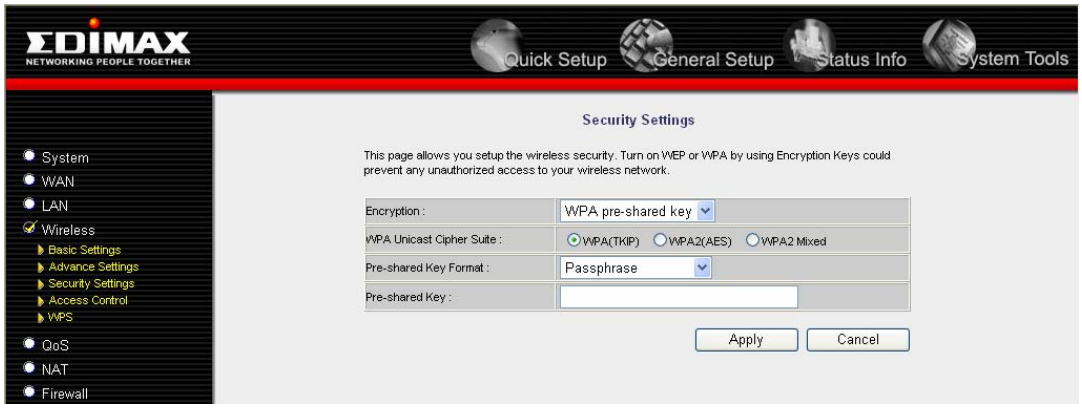
SSID is the name of the wireless router. You may change your SSID to a meaningful name so that you can identify your wireless router from others. You can use any alphanumeric characters, up to 32 characters. By default the ESSID is ‘default’.

It’s very important to set wireless security settings properly! If you don’t, hackers and malicious users can reach your network and valuable data without your consent and this will cause serious security problem.

To secure your wireless network, please click “Interface Setup”, then click “Wireless”, and follow the following instructions to configure the wireless security settings:

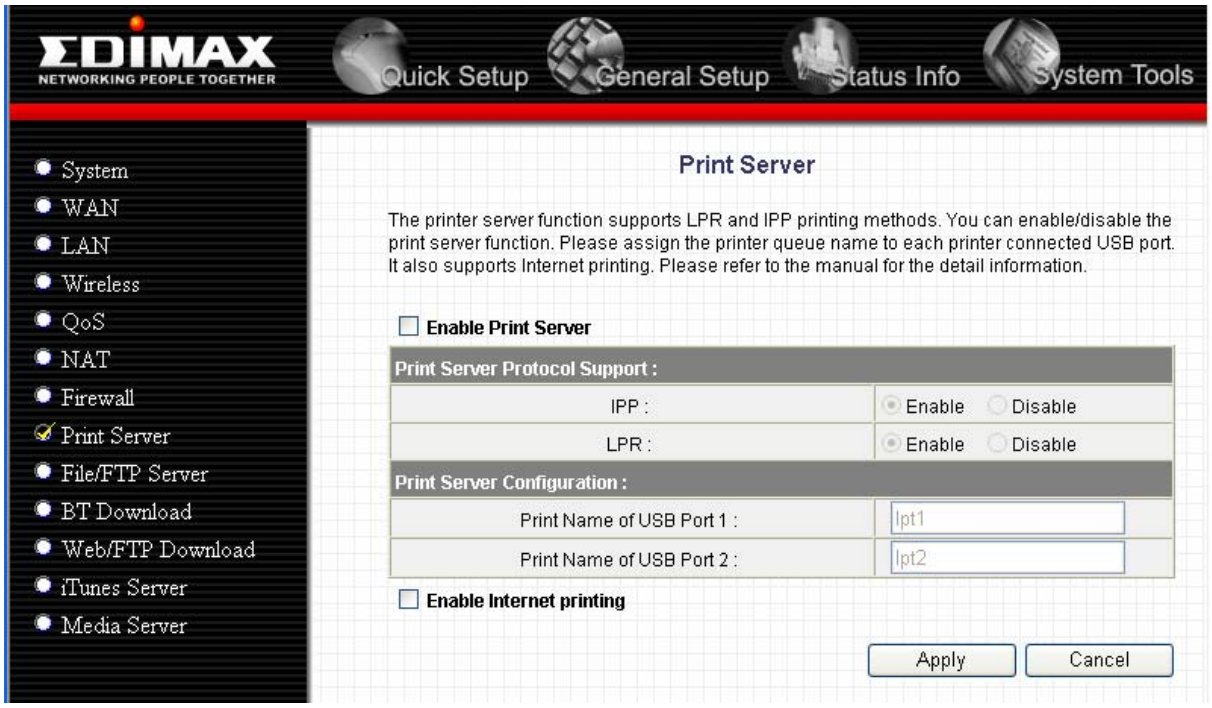
It’s recommended to use WPA to protect your wireless router from hackers. Select Enabled WPA-PSK and enter the Pre-Share Key below.

Use 8-32 alphanumeric characters. Please remember this key, you need this key to connect to your wireless router wirelessly.



3.5 Print Server (BR-6315SRg)

The router provides Print Server function that let you share a printer to all PCs in your Intranet. It supports LPD and IPP printing protocol.



Parameters	Description
Enable Print Server	Enable/disable USB print server. The print server function is disabled by default to improve the performance of NAS function.
IPP	Enable to support the Internet Printing Protocols.
LPR	Enable to support the Local Printing Remote Protocols.
Print Name of USB Port 1	It is the port name of the printer connected to USB port 1.
Print Name of USB Port 2	It is the port name of the printer connected to USB port 2.
Enable Internet printing	You can check “Enable Internet printing” to share the printer on internet, you can uncheck this option to use printer on intranet only.

Click <**Apply**> at the bottom of the screen to save the configurations. You can now configure other advance sections or start using the router. About the detail setting , please read the user manual in the CD ROM .

3.6 Web / FTP Server (BR-6315SRg)

The router provides File/FTP Server function, which lets you share the USB mass storage device to all PCs in your Intranet or on Internet. It supports SAMBA protocol, let you share files via network neighborhood. And also supports FTP sever function for other computer to upload/download files from the server by FTP client program.

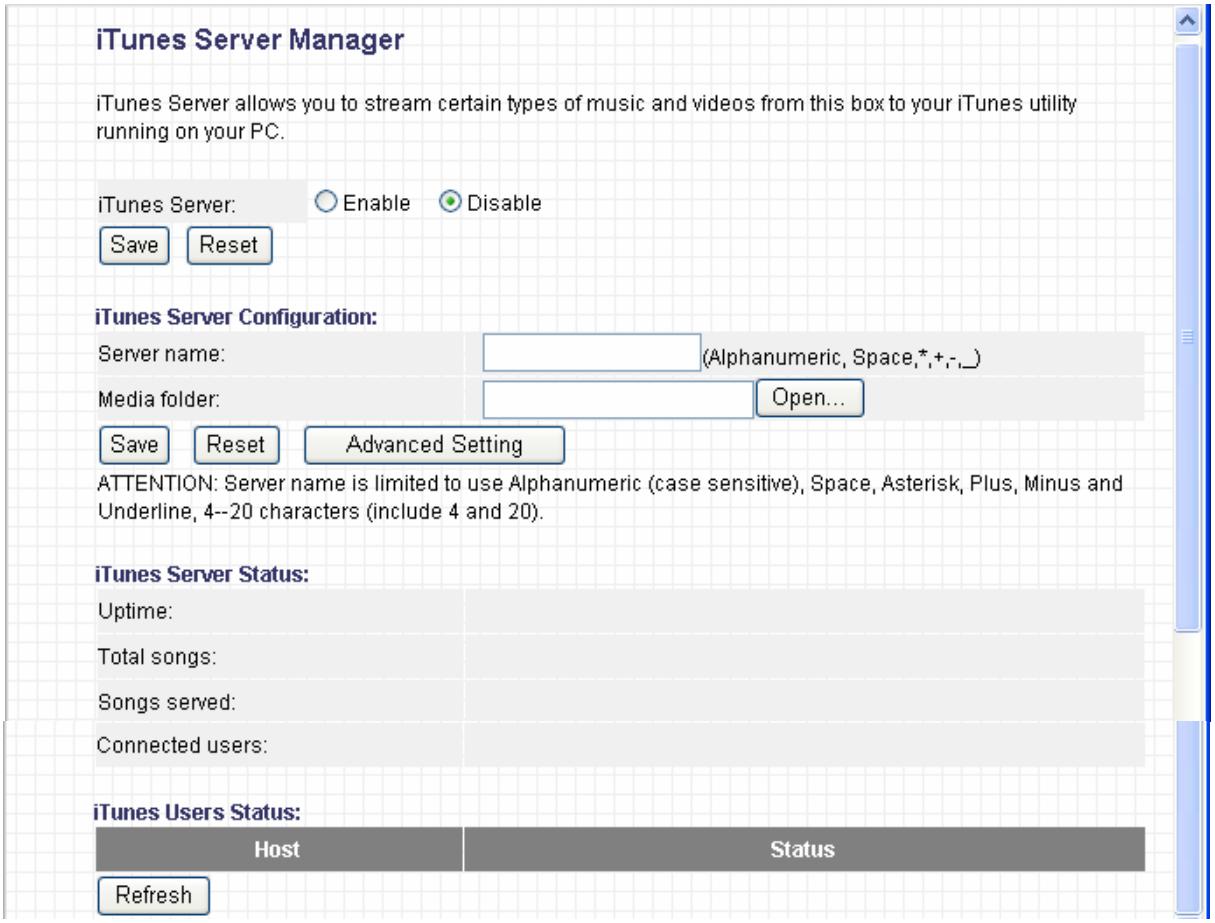
Parameters	Description
Users setup	You can add/edit users of File/FTP server.
File Server setup	You can add/edit the name of file server, shared folders and sharing policies of files that will be shared via Network Neighborhood.
FTP Server setup	You can add/edit FTP folders and configure some advanced settings for FTP server.
Storage Tools	The storage tools allow you to manage the partitions of the USB storage device. You can add, remove, or format the partition of the USB storage device.
Storage Status	The storage status shows the status of both USB ports. When you plug a USB storage device into the USB ports, it will show the status of the current valid disk and partition of this device.

Click on one of the File/FTP server selections and proceed to the relevant sub-sections.

Note: The maximum file size of a single file is 2GB when partition type is FAT16/32, if partition type is EXT2/3, the maximum file size is up to 4GB.

3.7 iTunes Server (BR-6315SRg)

iTunes is a popular and powerful multi-media player, and supports streaming media. If the USB mass storage device you attached to this broadband router is loaded with media files supported by iTunes, you can use the iTunes server function of this broadband router to let your USB disk become a media server, and you can share these files with other computers or iTunes-compatible media players!



Parameters	Description
iTunes Server	You can enable or disable iTunes server function here. Click “Save” to keep changes or “Cancel” to discard the change you made.
Server name	Please specify the server name if iTunes server you wish to create here. All iTunes clients will need this name to locate this iTunes server. Valid server name length is 4 to 20 characters, and is case sensitive.
Media folder	Please specify the folder where the media files are located, and all media files inside the folder you specify here will be shared with all iTunes clients. You can click ‘Open’ button to select the

	folder on the USB mass storage device attached to this broadband router.
Advanced Setting	Click this button to set advanced settings for this iTunes server. Detailed descriptions are listed below.
Refresh	Click this button to get latest information of iTunes server and users listed above.

You can now click “Advanced Setting” to configure other advance sections or start using the router.

After you click “Advanced Setting”, you’ll be prompted to specify the advanced settings of this iTunes server:

Note: Please refer to the User Manual in the CD-ROM for more details information on Internet connection type and to configure all others setting.

Federal Communication Commission
Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio technician for help.

FCC Caution

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

Federal Communications Commission (FCC) Radiation Exposure Statement

This equipment complies with FCC radiation exposure set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 2.5cm (1 inch) during normal operation.

Federal Communications Commission (FCC) RF Exposure Requirements

SAR compliance has been established in the laptop computer(s) configurations with PCMCIA slot on the side near the center, as tested in the application for Certification, and can be used in laptop computer(s) with substantially similar physical dimensions, construction, and electrical and RF characteristics. Use in other devices such a PDAs or lappads is not authorized.

This transmitter is restricted for use with the specific antenna tested in the application for Certification. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

R&TTE Compliance Statement

This equipment complies with all the requirements of DIRECTIVE 1999/5/EC OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of March 9, 1999 on radio equipment and telecommunication terminal Equipment and the mutual recognition of their conformity (R&TTE)

The R&TTE Directive repeals and replaces in the directive 98/13/EEC (Telecommunications Terminal Equipment and Satellite Earth Station Equipment) As of April 8, 2000.

Safety

This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All guidelines of this and of the computer manufacture must therefore be allowed at all times to ensure the safe use of the equipment.

EU Countries Intended for Use

The ETSI version of this device is intended for home and office use in Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Bulgaria, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Romania, Slovakia, Slovenia, the Netherlands, Portugal, Spain, Sweden, and the United Kingdom.

The ETSI version of this device is also authorized for use in EFTA member states: Iceland, Liechtenstein, Norway, and Switzerland.

EU Countries not intended for use

None

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